

ITEM:

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SUBJECT:

Uncontested NPDES Permits

REPORT:

Following are the proposed permits. All agencies and the dischargers concur or have offered no comments.

a. **CITY OF MANTECA, LATHROP, AND DUTRA FARMS
WASTEWATER QUALITY CONTROL FACILITY,
San Joaquin County**

The City of Manteca owns and operates a wastewater collection, treatment, and disposal system, and provides sewerage service to the City of Manteca and the City of Lathrop. Land disposal of effluent is maximized by discharging effluent seasonally at agronomic rates. Excess flow of treated municipal wastewater receives chlorine disinfection and dechlorination prior to discharge to the San Joaquin River.

On 19 March 2004, the Regional Water Quality Control Board adopted Waste Discharge Requirements Order No. R5-2004-0028, NPDES No. CA0081558, prescribing waste discharge requirements for the City of Manteca Wastewater Quality Control Facility (WQCF). Up until August 2004, the City of Manteca irrigated approximately 210 acres surrounding the WQCF, growing crops for use as dairy feed. A total of about 48 acres of this land has been either converted to other uses or lost due to the expansion of the WQCF. To compensate for these losses and to maximize land disposal, the City of Manteca has acquired a 34-acre parcel on the east boundary of the WQCF and has requested that the newly acquired parcel be added to the allowable wastewater reclamation area specified by the NPDES permit. A resolution is proposed to amend Order No. R5-2004-0028 to address the request. (JDM)

b. **CITY OF SHASTA LAKE, WATER TREATMENT PLANT
Shasta County**

The City of Shasta Lake owns and operates a drinking water treatment plant consisting of primary filtration, secondary filtration, polymer addition, coagulation, flocculation, and chlorination. The water treatment plant discharges up to 0.175 million gallons per day of settled filter backwash water to Churn Creek, a water of the United States and a tributary to Sacramento River. The Discharger has performed effluent and receiving water analysis for priority pollutants (and other pollutants) listed in the National Toxics Rule and California Toxics Rule in accordance with the State Implementation Policy. Copper, zinc, dichlorobromomethane, and bis-2-ethylhexylphthalate were identified as constituents of concern but insufficient information exists to establish reasonable potential at this time. Therefore, the Order requires monitoring for these constituents, and includes a

reopener provision to establish effluent limits, if needed in the future. (BJS)

c. **CLEAR CREEK COMMUNITY SERVICES DISTRICT,
WATER TREATMENT PLANT Shasta County**

The Clear Creek Community Services District owns and operates a drinking water treatment plant consisting of raw water chlorination, coagulation, filtration through eight horizontal, multi-cell pressure filters and post chlorination. The water treatment plant discharges up to 1.5 million gallons per day of settled filter backwash water to Clear Creek, a water of the United States and a tributary to Sacramento River. The Discharger has performed effluent and receiving water analysis for priority pollutants (and other pollutants) listed in the National Toxics Rule and California Toxics Rule in accordance with the State Implementation Policy. Bis-2-ethylhexylphthalate, aluminum, iron, and manganese were identified as constituents of concern but insufficient information exists to establish reasonable potential at this time. Therefore, the Order requires monitoring for these constituents, and includes a reopener provision to establish effluent limits, if needed in the future. (BJS)

d. **CITY OF ALTURAS, WASTEWATER TREATMENT PLANT
Modoc County**

The City of Alturas has applied for renewal of its existing NPDES permit for discharge of up to 0.5 mgd (average daily dry weather flow) of treated and disinfected municipal wastewater to the Pit River. The Discharger was issued Cease and Desist Order No. R5 2003 0128 on 5 September 2003, requiring compliance with the effluent limits for total coliform bacteria and storage and disposal of sludge in a manner consistent with Title 27 CCR. The Discharger is currently constructing plant improvements to meet these requirements. This Permit requires that the improvements, which include a sludge drying bed, an extension to the chlorine contact chamber and replacement of the trickling filter media, be completed by 15 November 2007. The Discharger has performed effluent and receiving water analysis for priority pollutants listed in the National Toxics Rule and California Toxics Rule in accordance with the State Implementation Policy. The results indicate that there is reasonable potential for violation of applicable criteria for copper and zinc. The city is currently in the process of upgrading the treatment plant to meet effluent limitations for these constituents. Interim effluent limits for copper and zinc have been included in the Order as well as a time schedule for completion of improvements. Compliance with final effluent limits is required by 18 May 2010. (BJS)

e. **INDIAN SPRINGS ELEMENTARY SCHOOL, GEOTHERMAL HEATING SYSTEM, Shasta County**

The Indian Springs Elementary School owns and operates a geothermal heating system that provides heating to a school facility including classrooms and a pool. The facility discharges spent geothermal water to Indian Springs Creek, a water of the United States and a tributary to the Pit River. The Discharger has performed effluent and receiving water analysis for priority pollutants (and other pollutants) listed in the National Toxics Rule and California Toxics Rule in accordance with the State Implementation Policy. Zinc, aldrin, beta BHC, and delta BHC were identified as constituents of concern. As explained in the Order, the critical data were determined to be unreliable, and therefore it was not appropriate to establish effluent limits at this time. The Order requires monitoring for these constituents, and includes a reopener provision to establish effluent limits, if needed in the future. (BJS)

f. **CITY OF REEDLEY, WASTEWATER TREATMENT FACILITY, Fresno County**

The City of Reedley owns and operates a WWTF that serves industry and 20,940 City residents. The treated wastewater is discharged to ponds for disposal by evaporation and percolation with an option to discharge to the Kings River. The discharge is regulated by WDRs Order No. 5-01-257, and the surface water discharge is authorized by NPDES Permit No. CA0081230. The City requests that the WDRs be changed to terminate the option to discharge to the Kings River. The Discharger's engineer certified that the City's existing ponds and additional acreage are adequate to dispose of flows from the WWTF and remain in compliance with WDRs Order No. 5-01-257 without discharge to the Kings River. The proposed Special Order amends WDRs Order No. 5-01-257 to revoke NPDES Permit No. CA0081230 and leave the balance of discharge requirements in effect to regulate ongoing discharge to the WWTF ponds. The action to adopt the proposed Special Order is exempt from CEQA. (MG)

RECOMMENDATION: Adopt the proposed NPDES permits.

Mgmt Review _____
Legal Review _____

Central Valley Regional Water Quality Control Board
11020 Sun Center Drive, #200
Rancho Cordova, CA 95670
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